

# SEQUENCE LISTING

<113> ClonBunch, Stephanie K.  
Schuster, Debra K.

<120> CTR1 HOMOLOGUE FROM MELON

<130> 4257-0029.30

<140> Not Yet Assigned

<141> Filed Herewith

<150> US 60/218,307

<151> 2000-07-14

<160> 8

<170> FastSEQ for Windows Version 4.0

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<212> DNA

<213> Cucumis melo

<220>

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<222> (81)...(81)

<223> n = A,T,C or G

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 <213> Cucumis melo

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Gly	Lys	Ser	Trp	Ala	Gln	Gln	Thr	Glu	Glu	Ser	Phe	Gln	Leu	Gln	Gln
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 180 185 190  
 Ser Tyr Leu Glu Lys Val Pro Asp Gly Phe Tyr Leu Ile His Gly Met  
 195 200 205  
 Asp Pro Tyr Val Trp Ser Leu Cys Thr Asn Leu Gln Glu Asp Gly Arg  
 210 215 220  
 Ile Pro Ser Phe Glu Ser Leu Lys Thr Val Asp Ser Ser Ile Gly Ser  
 225 230 235 240  
 Ser Ile Glu Val Val Leu Ile Asp Arg His Ser Asp Ala Ser Leu Lys  
 245 250 255  
 Glu Leu Gln Asn Arg Val His Asn Ile Ser Ser Ser Cys Val Thr Thr  
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 Lys Glu Val Ala Asp His Ile Ala Lys Leu Val Cys Asn His Leu Gly  
 275 280 285  
 Gly Ser Val Ser Glu Gly Glu Asp Asp Leu Val Ser Ala Trp Lys Glu  
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 Cys Ser Asp Asp Leu Lys Glu Cys Leu Gly Ser Ala Val Ile Pro Leu  
 305 310 315 320  
 Cys Ser Leu Ser Val Gly Leu Cys Arg His Arg Ala Leu Leu Phe Lys  
 325 330 335  
 Val Leu Ala Asp Ser Ile Asp Leu Pro Cys Arg Ile Ala Lys Gly Cys  
 340 345 350  
 Lys Tyr Cys Thr Arg Asp Asp Ala Ser Ser Cys Leu Val Arg Phe Gly  
 355 360 365  
 Leu Asp Arg Glu Tyr Leu Ile Asp Leu Ile Gly Arg Pro Gly Cys Leu  
 370 375 380  
 Cys Gln Pro Asp Ser Leu Leu Asn Gly Pro Ser Ser Ile Ser Ile Ser  
 385 390 395 400  
 Ser Pro Leu Arg Phe Pro Arg Leu Lys Pro Ile Glu Ser Thr Ile Asp  
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 Phe Arg Ser Leu Ala Lys Gln Tyr Phe Leu Asp Ser Gln Ser Leu Asn  
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 Ala Ala Phe Ser Val Tyr Gln Arg Pro Leu Asn Arg Lys Asp Val Asp  
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 Gly Lys Thr Ile Val Val Thr Gly Asp Lys Asp Arg Asn Ser Gln Leu  
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 485 490 495  
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 Glu Asp Ser Glu His Leu Leu Ala Leu Ser His Pro Arg Met Asp His  
 530 535 540  
 Val Asn Asn Leu Pro Phe Val His Gly Ser Gln Leu Ile Arg Lys Pro  
 545 550 555 560  
 Asn Glu Leu Ser Leu Gly Leu Glu Asp Leu Val Ile Pro Trp Thr Asp  
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 580 585 590  
 Arg Gly Glu Trp His Gly Ser Asp Val Ala Val Lys Ile Leu Thr Glu  
 595 600 605  
 Gln Asp Phe His Pro Glu Arg Val Asn Gln Ile Leu Arg Glu Val Ala  
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 625 630 635 640  
 Val Thr Lys Pro Pro Asn Leu Ser Ile Val Thr Glu Tyr Leu Ser Arg  
 645 650 655

Gly Ser Leu Tyr Arg Leu Leu His Lys Ser Gly Val Lys Asp Ile Asp  
 660 665 670  
 Glu Thr Arg Arg Ile Asn Met Ala Phe Asp Val Ala Lys Gly Met Asn  
 675 680 685  
 Tyr Leu His Arg Arg Asp Pro Pro Ile Val His Arg Asp Leu Lys Ser  
 690 695  
 Pro Asn Leu Leu Val Asp Lys Lys Tyr Thr Val Lys Val Cys Asp Phe  
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 Ser Asn Glu Lys Ser Asp Val Tyr Ser Phe Gly Val Ile Leu Trp Glu  
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 Pro Trp Lys Arg Pro Ser Phe Ser Ser Ile Met Glu Thr Leu Lys Pro  
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